

PRELIMINARY DRAFT - February 20, 1997

HEAVY-DUTY HAND CLEANER OR SOAP

Preliminary Draft VOC Limit: 5% by weight

I. Product Definition:

"Heavy-duty Hand Cleaner or Soap" is a *hand, face, or body cleaner or soap* product which is designed to clean or remove difficult dirt and soils such as oil, grease, grime, tar, shellac, putty, printer's ink, paint, graphite, cement, carbon, asphalt, or adhesives from the hand with or without the use of water. After cleaning, the product may be rinsed off with water or wiped off with a cloth. "Heavy-duty Hand Cleaner or Soap" does not include prescription drug products, "Antimicrobial Hand or Body Cleaner or Soap," "Astringent/Toner," "Facial Cleaner or Soap," "General-use Hand or Body Cleaner or Soap," "Hand Dishwashing Detergent" (including antimicrobial)," "Medicated Astringent/Medicated Toner" and "Rubbing Alcohol."

II. Typical Formulations of Complying Products (Category 430):

Disclaimer: The following sample formulations for complying products are not intended to be complete formulations. Air Resources Board staff realize that consumer product formulations are often complex mixtures that require extensive testing to optimize. The sample formulations are intended to illustrate the approximate proportions of compounds that may be used to formulate a consumer product that meets the draft volatile organic compound limits for the Mid-term Measures.

1. Water-based Formulations*:

Wt. %	Ingredient
40 - 93	Water
7 - 60	LVP VOC's
0 - 5	VOC's (D-limonene; Organic Solvent)
0 - 5	Inorganics

* As seen in our 1995 Mid-term Measures Survey